

VOYAGER ULTRA SYN 10W/40

DESCRIPTION

VOYAGER ULTRA SYN is fully synthetic ultra high performance diesel engine oil designed to meet the most severe performance requirements of the latest high output. It is recommended for low emission European Euro 4 and Euro 5 specification. VOYAGER ULTRA SYN is a low Sulphated Ash and Phosphorus (SAP) engine oil formulated to meet reduced SAP levels required to protect and extend the life of the exhaust emission control system. It is designed for use in the most severe diesel engines.

APPLICATIONS

- It is designed for use in the most severe diesel engine applications of high speed, high load conditions, off or on highway applications.
- Naturally aspirated and turbocharged high speed and four-stroke diesel engines.
- It is designed to meet the highest quality levels required by major diesel engine manufacturers like Daimler Chrysler, MAN, Mack, Volvo, Cummins, Caterpillar and others.
- Diesel engines equipped with aftertreatment system.

BENEFITS

- Outstanding deposit control under high temperature conditions encountered in turbocharged engines.
- Effective detergent additive system minimizes piston crown land deposits.
- Reduces wear by forming an interface layer on all metals contact surfaces.
- Extend drain periods due to high temperature stability, minimizing degradation, sludge formation and oil thickening.
- Fuel economy due to superior synthetic base stocks.
- Shear-stable Viscosity Index Improver maintains oil viscosity in the high temperature ring belt area.
- Low volatility of synthetic fluids reduces oil evaporation.
- Superior protection of exhaust emission control system.

PERFORMANCE LEVEL

APICI4/SL
 ACEAE6/E7/E9/08
 MB228.51
 MAN3477
 VOLVO.....VDS3

 MACK.....EO-M Plus
 MTU.....TYPE 3.1
 Renault.....RGD,RXD
 Deutz D.....111-05
 CAT.....ECF 1-a

PRODUCT TYPICAL CHARACTERISTICS

PROPERTIES		UNITS	VALUE	TEST METHOD
Grade		-	10W/40	-
Specific Gravity	@ 15°C	-	0.8700	ASTM D-1298
Viscosity	@ 40°C	mm ² /s	93.20	ASTM D-445
	@ 100°C	mm ² /s	13.75	ASTM D-445
Viscosity Index		-	150	ASTM D-2270
Flash Point	COC	°C	230	ASTM D-92
Pour Point		°C	-30	ASTM D-97
Base Number		mg KOH/g	10	ASTM D-2896
Color		-	3	ASTM D-1500
CCS Vis	@ -25°C	cP	6500	ASTM D-5293